



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090743

Mode: Highway

Status: Submitted

NC-125

From/Cross Street: I-95

Specific Improvement Type: 1 - Widen Existing Roadway

To: Old Farm Road

Project Category: Regional Impact

Length: 1.63

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$20,526,000

Description:

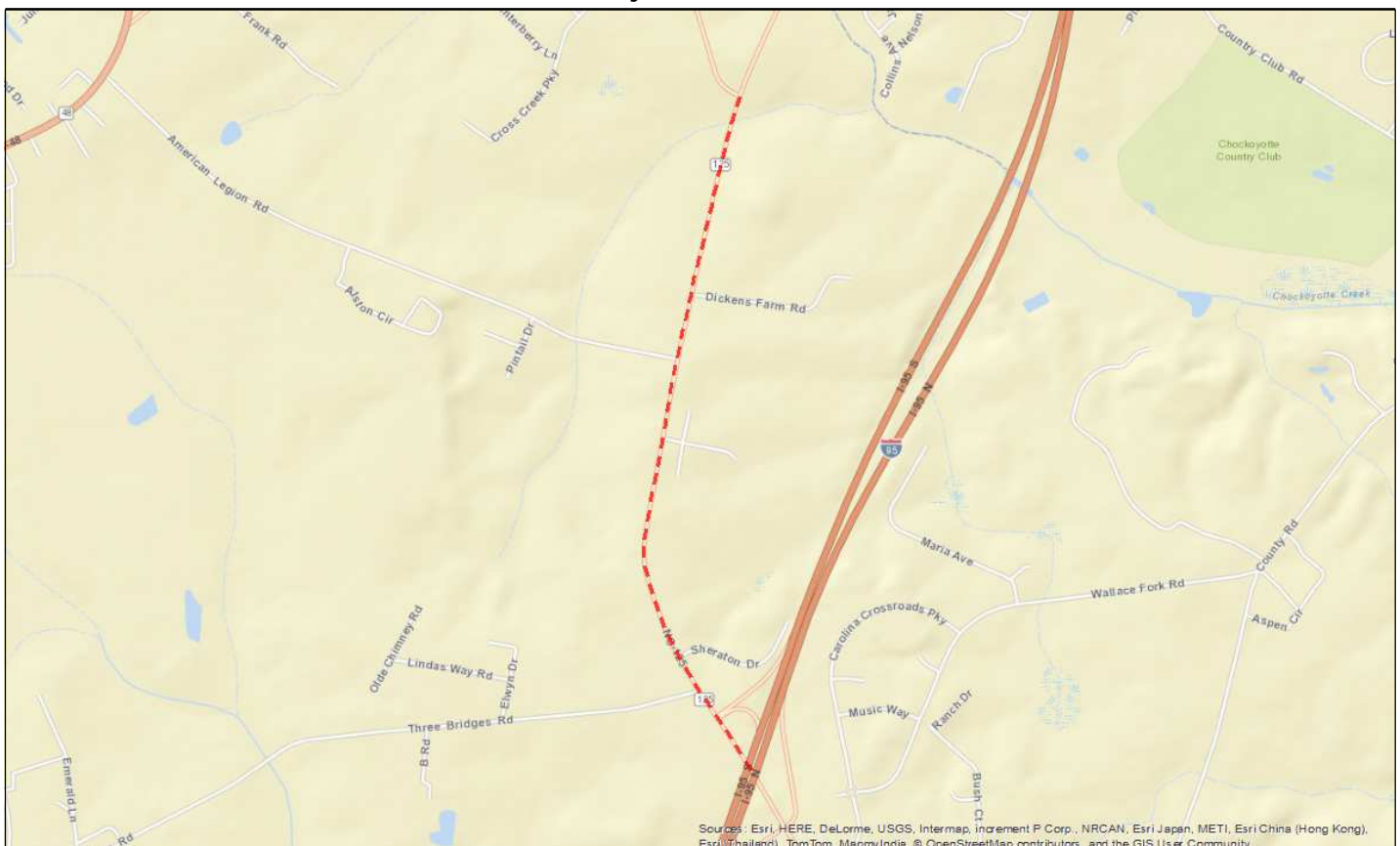
Feasibility Study For the Widening of NC 125 from I-95 to Old Farm Road in Roanoke Rapids.

Division(s): Division 4

County(s): HALIFAX

MPOS(s)/RPO(s): Peanut Belt RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 61.06

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) 38.87 Safety (15%) 67.87 Lane Width (10%) 50.00 [Paved] Shoulder Width (10%) 100.00 [Travel Time] Benefit/Cost (20%) 0.23 Totals: Weight: 70% Weighted Score: 31.06	Percent: 15% Points: 100	Percent: 15% Points: 100

Division Needs Total Score: 25.7

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Lane Width (10%) 50.00 [Paved] Shoulder Width (10%) 100.00 [Travel Time] Benefit/Cost (10%) 0.23 Congestion (V/C) (10%) 38.87 Safety (10%) 67.87 Totals: Weight: 50% Weighted Score: 25.7	Percent: 25% Points: 0	Percent: 25% Points: 0

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	1.63
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	9100.01
Capacity:	15500.01
Volume/Capacity Ratio:	0.59
% Autos:	98%
% Trucks:	2%
Truck Volume:	220
Crash Density:	89.59
Crash Severity:	60.23
Critical Crash Rate:	53.82
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	80
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	1.63
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	209769.5
Travel Time Savings for 30 Years (Autos):	204698.14
Travel Time Savings for 30 Years (Trucks):	5071.36
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 4	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Peanut Belt RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$11,628,000	TIP Unit
Right-of-Way Cost:	\$7,945,000	Cost Estimation Tool
Utilities Cost:	\$953,000	Cost Estimation Tool
Total Project Cost:	\$20,526,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$20,526,000	